

January 1, 2016 – June 30, 2016

Plant: Ardagh Metal Beverage USA Inc.  
2433 Crocker Circle  
Fairfield, CA 94533  
Permit Site # A1665  
Date: July 14, 2016

**Title V Semi-Annual Monitoring Verification Report**

**Table VII-A**

**Applicable Limits and Compliance Monitoring Requirements  
S-1, S-7: Roller Coaters, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD 8-11-301.3	Y		Two-Piece Can Basecoat: 250 g/l (2.1 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11-301.3)	Y		Abatement Device efficiency >90%	BAAQMD 8-11-504	C	Temperature of incineration unit	YES	
	BAAQMD 8-11-305.1 (optional)	Y		Daily weighted average VOC emissions from all coatings equivalent to VOC limits specified by 8-11-301	BAAQMD 8-11-3053 — 8-11-503.1	P/A — P/E	Alternative Emission Control Plan submittal — Excess emissions reporting	YES	
VOC	NSPS Subpart WW, 60.492 (a)	Y		Exterior Base Coat: 0.29 kilogram of VOC per liter (2.42 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	YES	
	Condition #391, part 1	Y		Facility Limit has been change to 34.4 Tons/Yr	Condition 0391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	

## Title V Semi-Annual Monitoring Verification Report

### Table VII-B

#### Applicable Limits and Compliance Monitoring Requirements

#### S-2, S-8: Coater Ovens

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	Compliance
								Yes	No
VOC	BAAQMD 8-11-301.3	Y		Two-Piece Can Basecoat: 250 g/l (2.1 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of incineration unit	YES	
	NSPS Subpart WW, 60.492 (a)	Y		Exterior Base Coat: 0.29 kilograms f VOC per liter (2.42 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	YES	
	Condition #391, part I	Y		34.4 tons/yr, facility limit	Condition #391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of incineration unit	YES	
	Condition #391, part 6	Y		Minimum Incinerator Temperature A-9 is 1600 degrees F	Condition #391, part 7	C	Temperature of incineration unit	YES	

2433 Crocker Circle  
Fairfield, CA. 94533  
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July 14, 2016

### Title V Semi-Annual Monitoring Verification Report

**Table VII-C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-3, S-9: Printers, Line 1 & Line 2**

Type of Limit	Emissions Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD 8-11-301.3	Y		Overvarnish: 250 g/l (2.1 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-301.10	N		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of incineration unit	YES	
	BAAQMD 8-11-305.1 (optional)	Y		Daily weighted average VOC emissions from all coatings equivalent to VOC limits specified by 8-11-301	BAAQMD 8-11-305.3 - 8-11-503.1	P/A – P/E	Alternative Emission Control Plan submittal – Excess emissions reporting	YES	
	SIP 8-11-301.9	Y		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	SIP 8-11-501	P/D	Coating records	YES	

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July 14, 2016

### Title V Semi-Annual Monitoring Verification Report

**Table VII-C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-3, S-9: Printers, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	NSPS Subpart WW, 60.492 (b)	Y		Over-varnish: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	YES	
	Condition 391, part 1	Y		34.4 tons/yr, facility limit	Condition 4391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	

**Table VII -D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-4, S-10: Printer Ovens**

Type of Limit	Emission Limit Citation	FE	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	compliance	
								Yes	No
VOC	BAAQMD 8-11-301.3	Y		Overvarnish: 250 g/l (2.1 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-301.10	N		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	

**Title V Semi-Annual Monitoring Verification Report**

**Table VII-D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-4, S-10: Printer Ovens**

Type of Limit	Emission Limit Citation	FE	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of incineration unit	YES	
	SIP 8-11-301.9	Y		Inks: 300 g/l (2.5 lb/gal) of coating applied, excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish / Clear Basecoat: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters	YES	
	Condition #391, part 1	Y		34.4 tons/yr, facility limit	Condition #391, part 9(a)	P/D	Operating time, Can production rate, Amount of coating used	YES	
VOC	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of incineration unit	YES	
	Condition #391, part 6	Y		Minimum Incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	C	Temperature of incineration unit	YES	

### Title V Semi-Annual Monitoring Verification Report

**Table VII-E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Type of Limit	Emissions Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD 8-11-301.4.1	Y		Interior Body Spray: 420 g/l (3.5 lb/gal) of coating applied excluding water	BAAQMD 8-11-501	P/D	Coating records	<b>YES</b>	
	BAAQMD 8-11-302 (alternative to 8-11-301.4.	N		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of incineration unit	<b>YES</b>	
	BAAQMD 8-11-305.1 (optional)	Y		Daily weighted average VOC emissions from all coatings equivalent to VOC limits specified by 8-11-301	BAAQMD 8-11-305.3 - 8-11-503.1	P/A – P/E	Temperature of incineration unit	<b>YES</b>	
	SIP 8-11-301.4	Y		Interior Body Spray: 510 g/l (4.2 lb/gal) of coating applied excluding water	SIP 8-11-501	P/D	Alternative Emission Control Plan submittal – Excess emissions reporting	<b>YES</b>	
	NSPS Subpart WW, 60.492 (c)	Y		Inside Spray: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW 60.493 (b)	P/M	Coating Records Initial Performance Test. Monthly operating Parameters	<b>YES</b>	

## Title V Semi-Annual Monitoring Verification Report

### Table VII-E

#### Applicable Limits and Compliance Monitoring Requirements

#### S-5, S-11: Inside Spray Machines, Line 1 & 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	Compliance
								Yes	No
VOC	Condition #391 Part 1	Y		34.4 tons/yr. facility limit	Condition #391, part 9 (a)	P/D	Operating time Can production rate, Amount of coating used	YES	
	Condition #391 Part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring	YES	
	Condition #391 Part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of incineration unit	YES	
	Condition #391, part 6	Y		Minimum incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	C	Temperature of incineration unit	YES	
TSP	Regulation 6-301	Y		Ringelmann 1.0		N		YES	
	Regulation 6-310	Y		0.15 gr/dscf	Condition #16547, part 2	P/Q	Baghouse Inspection	YES	

**Title V Semi-Annual Monitoring Verification Report**

**Table VII-F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-6, S-12: Bake Ovens**

Type of Limit	Emission Limit Citation	FE	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
VOC	BAAQMD 8-11-301.4.1	N		Interior Body Spray: 420 g/l (3.5lb/gal) of coating applied excluding water	BAAQMD 8-11-501	P/D	Coating records	YES	
	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency $\geq$ 90%	BAAQMD 8-11-504	C	Temperature of incineration unit	YES	
	STP 8-11-301.4	Y		Interior Body Spray: 510 g/l(4.2 lb/gal) of Coating applied excluding water					
	NSPS Subpart WW 60.492 (c)	Y		Inside Spray Coat: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records Initial Performance test. Monthly operating Parameters	YES	
	Condition #391, part 1	Y		34.4 tons/yr. facility Limit	Condition #391, part 9 (a)	P/D	Operating Time. Can production rate amount of coating used	YES	
	Condition #391, part 5	Y		Abatement device efficiency $\geq$ 95%	Condition #391, part 7	C	Temperature of incineration unit	YES	
VOC	Condition #391, part 6	Y		Minimum Incinerator Temperature of A-9 is 1600 degrees F	Condition #391, part 7	C	Temperature of incineration unit	YES	

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**Table VII G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-17, Lime Silo**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance	
								Yes	No
TSP	Regulation 6-301	Y		Ringelmann 1.0	Condition #16548, part 2,3	P/A	Visible Emissions Checks Records for S-17	<b>YES</b>	
	Regulation 6-310	Y		0.15 /dscf		N	rate, Amount of coating used	<b>YES</b>	

**Table VII -G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-16 Scrap Collection System**

Type of Limit	Emission Limit Citation	FE	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	compliance	
								Yes	No
TSP	Regulation 6-301	Y		Ringelmann 1.0	Condition #16548, part 2,3			<b>YES</b>	
	Regulation 6-310	Y		0.15 /dscf				<b>YES</b>	